					ST DEPARTMENT DIVISION O	OF NA					AMEN	FO DED REPC	RM 3	
		APP	LICATION	FOR P	ERMIT TO DRILL	_				1. WELL NAME and		R -16 (Rig S	kid)	
2. TYPE	OF WORK	RILL NEW WELL ((neent	ER P&A	WELL DEEPE	N WELL	3. FIELD OR WILDCAT MONUMENT BUTTE							
4. TYPE					Methane Well: NO		5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)							NAME
6. NAME	OF OPERATOR	2								7. OPERATOR PHON	NE .			
8. ADDR	ESS OF OPERA				TON COMPANY					9. OPERATOR E-MA				
	RAL LEASE N		Rt 3 B0X 363		on, UT, 84052 11. MINERAL OWNE	RSHIP		_	_	12. SURFACE OWN		ewfield.co	m _	
		UTU-74390			FEDERAL (🗓 IND	IAN 🔵	STATE (FEE			DIAN 🔵	STATE		FEE 🔵
13. NAM	E OF SURFACE	OWNER (if box :	12 = 'fee')							14. SURFACE OWN	ER PHON	IE (if box	12 = 'fe	ee')
15. ADDI	RESS OF SURF	ACE OWNER (if b	ox 12 = 'fee	')						16. SURFACE OWNE	ER E-MA	IL (if box	12 = 'fe	ee')
	AN ALLOTTEE 2 = 'INDIAN')	OR TRIBE NAME			18. INTEND TO COM MULTIPLE FORMATI		E PRODUCT	ION FROM	1	19. SLANT				
(,				YES (Submit C	Comming	ling Applicat	ion) NO	•	VERTICAL DIR	RECTIONA	AL 📵	HORIZON	ITAL 🔵
20. LOC	ATION OF WE	LL		FOO'	TAGES	QT	R-QTR	SECT	ION	TOWNSHIP	R/	ANGE	МЕ	RIDIAN
LOCATI	ON AT SURFAC	CE	20	17 FNL	. 1777 FEL	N'	IWNE	7		9.0 S	16	5.0 E		S
Top of U	Jppermost Pro	ducing Zone	15	526 FNL	. 2233 FEL	N'	IWNE	7		9.0 S	16	5.0 E		S
At Total			10		_ 2608 FEL		SWNE	7		9.0 S 16.0 E 23. NUMBER OF ACRES IN DRILLING				S
21. COUI		DUCHESNE		2	22. DISTANCE TO N	EAREST 26		IE (Feet)		23. NUMBER OF AC	RES IN I		UNIT	
					25. DISTANCE TO N (Applied For Drilling		npleted)	SAME POOI	L	26. PROPOSED DEP MD		TVD: 618	35	
27. ELEV	ATION - GROU	JND LEVEL		2	28. BOND NUMBER					29. SOURCE OF DRI			TE ADD	I TCARLE
		5831				WYB00	000493 437478						LICABLE	
Ctring	Hole Size	Casing Size	Length	Wois			Cement Information Max Mud Wt. Cement Sacks Yield						Yield	Woight
String Surf	12.25	Casing Size 8.625	0 - 300	Weig 24.			8.3			Cement Class G			1.17	Weight 15.8
Prod	7.875	5.5	0 - 6329	15.	.5 J-55 LT8	&C	8.3	3	Prem	ium Lite High Stre	ngth	299	3.26	11.0
										50/50 Poz		363	1.24	14.3
					A	ТТАСН	MENTS							
	VERIFY T	HE FOLLOWIN	G ARE ATT	ACHE	D IN ACCORDAN	CE WI	TH THE UT	TAH OIL	AND G	AS CONSERVATI	ON GEI	NERAL F	ULES	
⊮ w	ELL PLAT OR	MAP PREPARED E	BY LICENSED	SURV	EYOR OR ENGINEE	R	COMPLETE DRILLING PLAN							
AF	FIDAVIT OF S	TATUS OF SURFA	CE OWNER	AGREE	MENT (IF FEE SURF	ACE)	E) FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
DRILLED		URVEY PLAN (IF	DIRECTION	ALLY O	R HORIZONTALLY		TOPOGRAPHICAL MAP							
NAME M	landie Crozier				TITLE Regulatory	Tech			PHON	IE 435 646-4825				
SIGNAT	URE				DATE 12/08/2011				EMAI	L mcrozier@newfield.	com			
	м век assign 013511100				APPROVAL				B	2002/11				
									Pe	ermit Manager				

NEWFIELD PRODUCTION COMPANY GMBU H-7A-9-16 AT SURFACE: SW/NE SECTION 7, T9S, R16E DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

 Uinta
 0' – 1545'

 Green River
 1545'

 Wasatch
 6125'

 Proposed TD
 6329'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation (Oil) 1545' – 6125'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval Date Sampled Flow Rate Temperature

Hardness pH

Water Classification (State of Utah)

Dissolved Calcium (Ca) (mg/l)

Dissolved Iron (Fe) (ug/l)

Dissolved Magnesium (Mg) (mg/l)

Dissolved Bicarbonate (NaHCO₃) (mg/l)

Dissolved Sulfate (SO₄) (mg/l)

Dissolved Total Solids (TDS) (mg/l)

4. PROPOSED CASING PROGRAM

a. Casing Design: GMBU H-7A-9-16

Size	Interval		Maight	Grade	Coupling	Design Factors			
Size	Тор	Bottom	Weight	Grade	Coupling	Burst	Collapse	Tension	
Surface casing	0'	300'	24.0	J-55	STC	2,950	1,370	244,000	
8-5/8"	U	300	24.0	J-55	310	17.53	14.35	33.89	
Prod casing	o.	0.0001	45.5	1.55	LTC	4,810	4,040	217,000	
5-1/2"	0'	6,329'	15.5	J-55	LTC	2.39	2.01	2.21	

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
Pore pressure at surface casing shoe = 8.33 ppg
Pore pressure at prod casing shoe = 8.33 ppg
Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. Cementing Design: GMBU H-7A-9-16

Job	Job Fill Descr		Sacks ft ³	OH Excess*	Weight (ppg)	Yield (ft³/sk)	
Surface casing	300'	Class G w/ 2% CaCl	138	30%	15.8	1.17	
Surface casing	300	Class G W/ 2% CaCl	161	30%	15.6	1.17	
Prod casing	4,329'	Prem Lite II w/ 10% gel + 3%	299	30%	11.0	3.26	
Lead	4,329	KCI	975	30%	11.0	3.20	
Prod casing	2,000'	50/50 Poz w/ 2% gel + 3%	363	30%	14.3	1.24	
Tail	2,000	KCI	451	30%	14.3	1.24	

^{*}Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit** C for a diagram of BOP equipment that will be used on this well.

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

From surface to ± 350 feet will be drilled with an air/mist system. The air rig is equipped with a 6 ½" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 350 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. <u>AUXILIARY SAFETY EQUIPMENT TO BE USED</u>:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. <u>TESTING, LOGGING AND CORING PROGRAMS</u>:

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

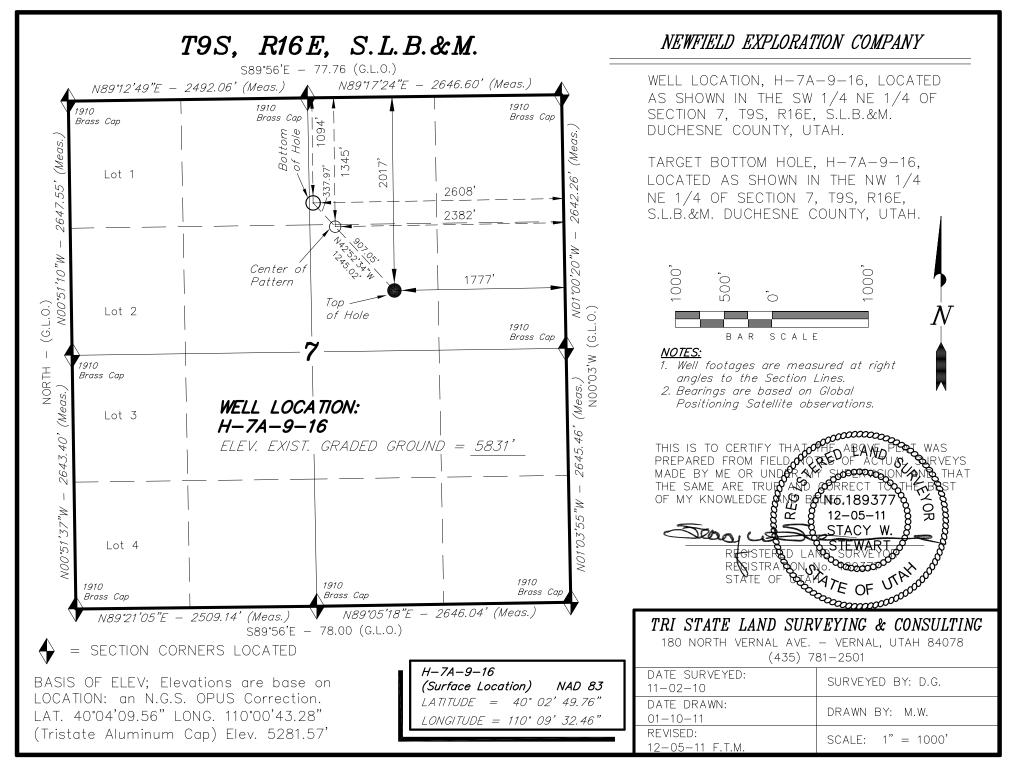
9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

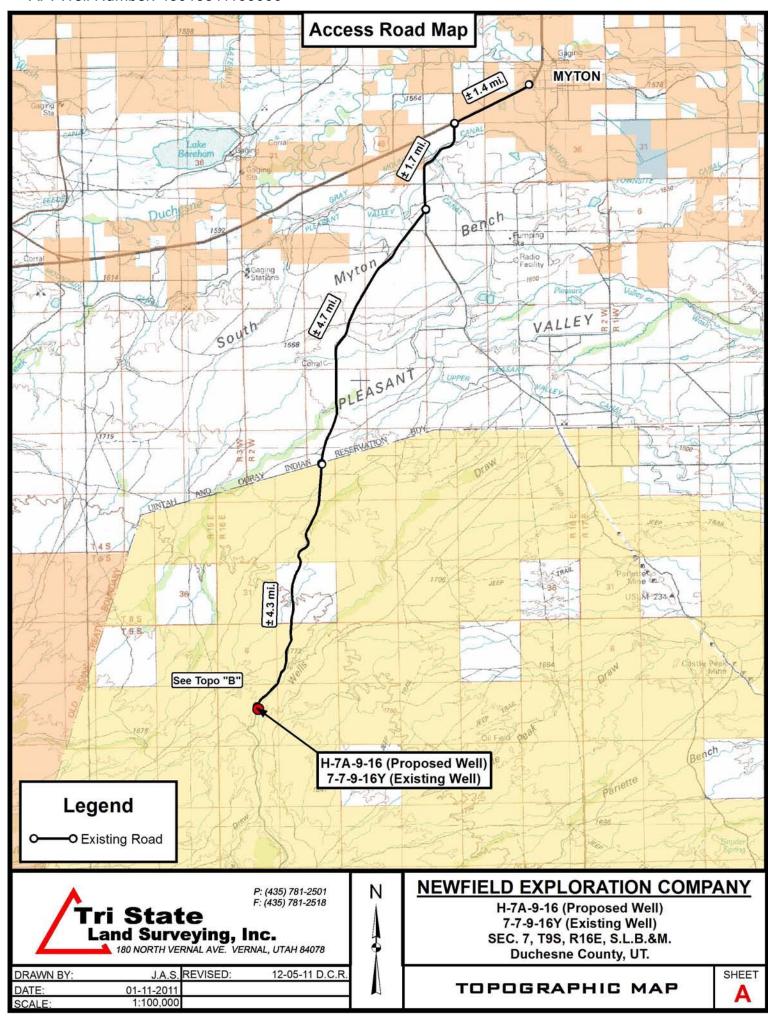
No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

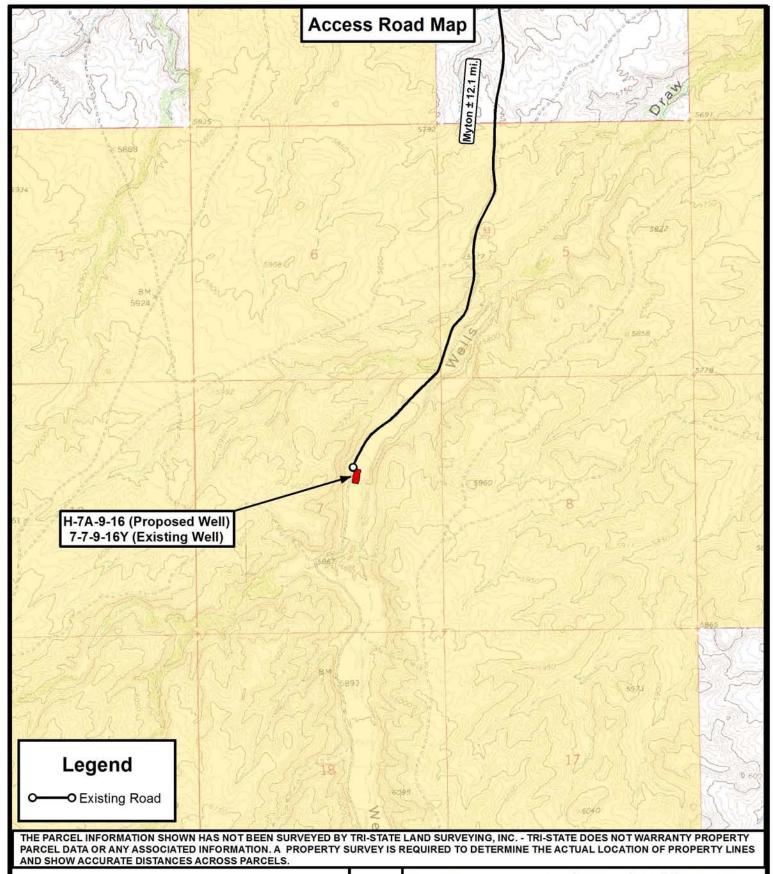
10. <u>ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:</u>

It is anticipated that the drilling operations will commence the fourth quarter of 2011, and take approximately seven (7) days from spud to rig release.

RECEIVED: December 08, 2011









P: (435) 781-2501 F: (435) 781-2518

DRAWN BY:	J.A.S. REVI	SED:	12-05-11 D.C.R.
DATE:	01-11-2011		
SCALE:	1 " = 2,000 '		Ĭ

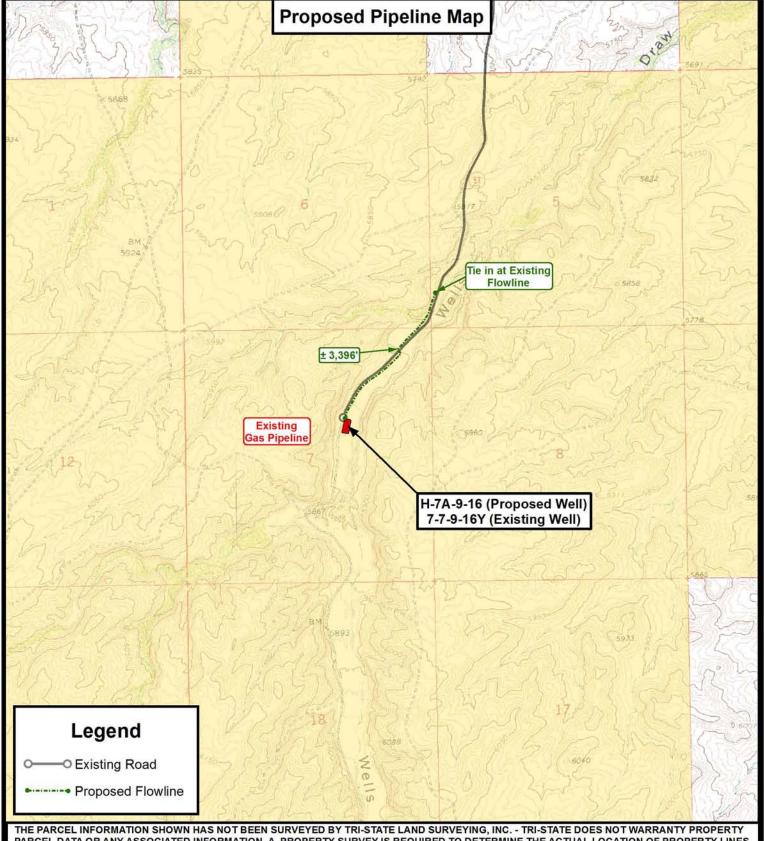


NEWFIELD EXPLORATION COMPANY

H-7A-9-16 (Proposed Well) 7-7-9-16Y (Existing Well) SEC. 7, T9S, R16E, S.L.B.&M. **Duchesne County, UT.**

TOPOGRAPHIC MAP





PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



P: (435) 781-2501 F: (435) 781-2518

DRAWN BY:	J.A.S.	REVISED:	12-05-11 D.C.R.
DATE:	01-11-2011		
SCALE:	1 " = 2,000 '		

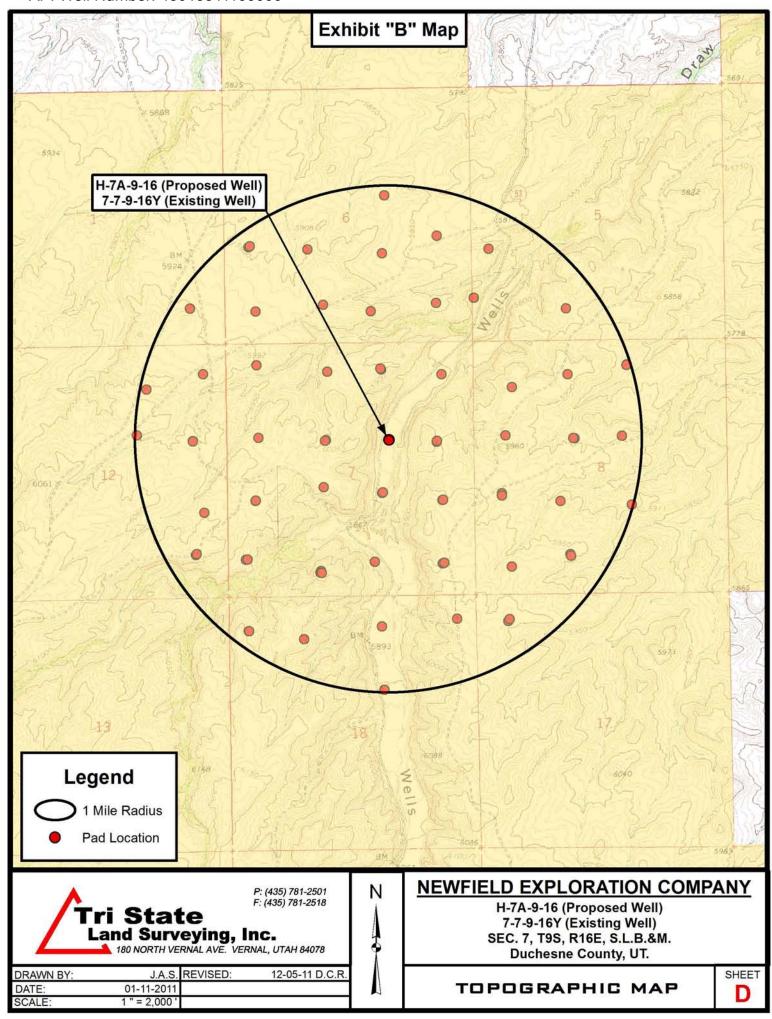


NEWFIELD EXPLORATION COMPANY

H-7A-9-16 (Proposed Well) 7-7-9-16Y (Existing Well) SEC. 7, T9S, R16E, S.L.B.&M. **Duchesne County, UT.**

TOPOGRAPHIC MAP

SHEET





NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 7 T9, R16 H-7A-9-16

Wellbore #1

Plan: Design #1

Standard Planning Report

08 December, 2011



RECEIVED: December 08, 2011



Payzone Directional

Planning Report



Database:EDM 2003.21 Single User DbCompany:NEWFIELD EXPLORATIONProject:USGS Myton SW (UT)Site:SECTION 7 T9, R16

 Well:
 H-7A-9-16

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well H-7A-9-16

H-7A-9-16 @ 5843.0ft (Original Well Elev) H-7A-9-16 @ 5843.0ft (Original Well Elev)

True

Minimum Curvature

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: US State Plane 1983

Geo Datum: North American Datum 1983

Map Zone: Utah Central Zone

System Datum:

Mean Sea Level

Site SECTION 7 T9, R16, SEC 7 T9S, R16E

Northing: 7,187,175.05 ft Site Position: Latitude: 40° 2' 35.000 N Longitude: From: Lat/Long Easting: 2,012,750.39 ft 110° 10' 12.000 W **Position Uncertainty:** 0.0 ft Slot Radius: **Grid Convergence:** 0.85 °

Well H-7A-9-16, SHL LAT: 40 02 49.76 LONG: -110 09 32.46

 Well Position
 +N/-S
 1,493.2 ft
 Northing:
 7,188,714.23 ft
 Latitude:
 40° 2' 49.760 N

 +E/-W
 3,074.9 ft
 Easting:
 2,015,802.56 ft
 Longitude:
 110° 9' 32.460 W

Position Uncertainty 0.0 ft Wellhead Elevation: 5,843.0 ft Ground Level: 5,831.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/8/2011	11.29	65.77	52,208

Design	Design #1					
Audit Notes:						
Version:		Phase:	PROTOTYPE	Tie On Depth:	0.0	
Vertical Section:		Depth From (TVD)	+N/-S	+E/-W	Direction	
		(ft)	(ft)	(ft)	(°)	
		4,800.0	0.0	0.0	317.12	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,507.9	13.62	317.12	1,499.4	78.7	-73.1	1.50	1.50	0.00	317.12	
4,904.0	13.62	317.12	4,800.0	664.7	-617.2	0.00	0.00	0.00	0.00	H-7A-9-16TGT
6,329.1	13.62	317.12	6,185.0	910.6	-845.5	0.00	0.00	0.00	0.00	



Payzone Directional

Planning Report



Database: EDM 2003.21 Single User Db Company: NEWFIELD EXPLORATION Project: USGS Myton SW (UT) Site: SECTION 7 T9, R16

 Well:
 H-7A-9-16

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well H-7A-9-16

H-7A-9-16 @ 5843.0ft (Original Well Elev) H-7A-9-16 @ 5843.0ft (Original Well Elev)

True

Minimum Curvature

esign:	Design #1								
anned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	317.12	700.0	1.0	-0.9	1.3	1.50	1.50	0.00
800.0	3.00	317.12	799.9	3.8	-3.6	5.2	1.50	1.50	0.00
900.0	4.50	317.12	899.7	8.6	-8.0	11.8	1.50	1.50	0.00
1,000.0	6.00	317.12	999.3	15.3	-14.2	20.9	1.50	1.50	0.00
1,100.0	7.50	317.12	1,098.6	23.9	-22.2	32.7	1.50	1.50	0.00
1,200.0	9.00	317.12	1,197.5	34.5	-32.0	47.0	1.50	1.50	0.00
1,300.0	10.50	317.12	1,296.1	46.9	-43.5	64.0	1.50	1.50	0.00
1,400.0	12.00	317.12	1,394.2	61.2	-56.8	83.5	1.50	1.50	0.00
1,507.9	13.62	317.12	1.499.4	78.7	-73.1	107.4	1.50	1.50	0.00
1,600.0	13.62	317.12	1,588.9	94.6	-87.8	129.1	0.00	0.00	0.00
1,700.0	13.62	317.12	1,686.1	111.8	-103.9	152.6	0.00	0.00	0.00
1,800.0	13.62	317.12	1,783.3	129.1	-119.9	176.2	0.00	0.00	0.00
1,900.0	13.62	317.12	1,880.5	146.3	-135.9	199.7	0.00	0.00	0.00
2,000.0	13.62	317.12	1,977.6	163.6	-151.9	223.3	0.00	0.00	0.00
2,100.0	13.62	317.12	2,074.8	180.9	-167.9	246.8	0.00	0.00	0.00
2,200.0	13.62	317.12	2,172.0	198.1	-184.0	270.4	0.00	0.00	0.00
2,300.0	13.62	317.12	2,269.2	215.4	-200.0	293.9	0.00	0.00	0.00
2,400.0	13.62	317.12	2,366.4	232.6	-216.0	317.4	0.00	0.00	0.00
2,500.0	13.62	317.12	2,463.6	249.9	-232.0	341.0	0.00	0.00	0.00
2,600.0	13.62	317.12	2,560.8	267.1	-248.1	364.5	0.00	0.00	0.00
2,700.0	13.62	317.12	2,658.0	284.4	-264.1	388.1	0.00	0.00	0.00
2,800.0	13.62	317.12	2,755.1	301.6	-280.1	411.6	0.00	0.00	0.00
2,900.0	13.62	317.12	2,852.3	318.9	-296.1	435.2	0.00	0.00	0.00
3,000.0	13.62	317.12	2,949.5	336.1	-312.1	458.7	0.00	0.00	0.00
			,						
3,100.0	13.62	317.12	3,046.7	353.4	-328.2	482.3	0.00	0.00	0.00
3,200.0	13.62	317.12	3,143.9	370.7	-344.2	505.8	0.00	0.00	0.00
3,300.0	13.62	317.12	3,241.1	387.9	-360.2	529.4	0.00	0.00	0.00
3,400.0	13.62	317.12	3,338.3	405.2	-376.2	552.9	0.00	0.00	0.00
			2 425 5	422.4					
3,500.0	13.62	317.12	3,435.5		-392.3	576.5	0.00	0.00	0.00
3,600.0	13.62	317.12	3,532.7	439.7	-408.3	600.0	0.00	0.00	0.00
3,700.0	13.62	317.12	3,629.8	456.9	-424.3	623.5	0.00	0.00	0.00
3,800.0	13.62	317.12	3,727.0	474.2	-440.3	647.1	0.00	0.00	0.00
3,900.0	13.62	317.12	3,824.2	491.4	-456.3	670.6	0.00	0.00	0.00
4,000.0	13.62	317.12	3,921.4	508.7	-472.4	694.2	0.00	0.00	0.00
4,100.0	13.62	317.12	4,018.6	525.9	-488.4	717.7	0.00	0.00	0.00
4,200.0	13.62	317.12	4,115.8	543.2	-504.4	741.3	0.00	0.00	0.00
4,300.0	13.62	317.12	4,213.0	560.5	-520.4	764.8	0.00	0.00	0.00
4,400.0	13.62	317.12	4,310.2	577.7	-536.5	788.4	0.00	0.00	0.00
4,400.0	13.02				-550.5			0.00	
4,500.0	13.62	317.12	4,407.3	595.0	-552.5	811.9	0.00	0.00	0.00
4,600.0	13.62	317.12	4,504.5	612.2	-568.5	835.5	0.00	0.00	0.00
		317.12							
4,700.0	13.62		4,601.7	629.5	-584.5	859.0	0.00	0.00	0.00
4,800.0	13.62	317.12	4,698.9	646.7	-600.6	882.6	0.00	0.00	0.00
4,904.0	13.62	317.12	4,800.0	664.7	-617.2	907.0	0.00	0.00	0.00
5,000.0	13.62	317.12	4,893.3	681.2	-632.6	929.7	0.00	0.00	0.00
5,100.0	13.62	317.12	4,990.5	698.5	-648.6	953.2	0.00	0.00	0.00
5,200.0	13.62	317.12	5,087.7	715.7	-664.6	976.7	0.00	0.00	0.00
5,300.0	13.62	317.12	5,184.9	733.0	-680.7	1,000.3	0.00	0.00	0.00



Payzone Directional

Planning Report



Database: Company: Project: Site: EDM 2003.21 Single User Db NEWFIELD EXPLORATION USGS Myton SW (UT) SECTION 7 T9, R16

 Well:
 H-7A-9-16

 Wellbore:
 Wellbore #1

 Design:
 Design #1

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:

Survey Calculation Method:

Well H-7A-9-16

H-7A-9-16 @ 5843.0ft (Original Well Elev) H-7A-9-16 @ 5843.0ft (Original Well Elev)

True

Minimum Curvature

lanned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,400.0	13.62	317.12	5,282.0	750.2	-696.7	1,023.8	0.00	0.00	0.00
5,500.0	13.62	317.12	5,379.2	767.5	-712.7	1,047.4	0.00	0.00	0.00
5,600.0	13.62	317.12	5,476.4	784.8	-728.7	1,070.9	0.00	0.00	0.00
5,700.0	13.62	317.12	5,573.6	802.0	-744.8	1,094.5	0.00	0.00	0.00
5,800.0	13.62	317.12	5,670.8	819.3	-760.8	1,118.0	0.00	0.00	0.00
5,900.0	13.62	317.12	5,768.0	836.5	-776.8	1,141.6	0.00	0.00	0.00
6,000.0	13.62	317.12	5,865.2	853.8	-792.8	1,165.1	0.00	0.00	0.00
6,100.0	13.62	317.12	5,962.4	871.0	-808.8	1,188.7	0.00	0.00	0.00
6,200.0	13.62	317.12	6,059.5	888.3	-824.9	1,212.2	0.00	0.00	0.00
6,300.0	13.62	317.12	6,156.7	905.5	-840.9	1,235.8	0.00	0.00	0.00
6,329.1	13.62	317.12	6,185.0	910.6	-845.5	1,242.6	0.00	0.00	0.00



Project: USGS Myton SW (UT) Site: SECTION 7 T9, R16

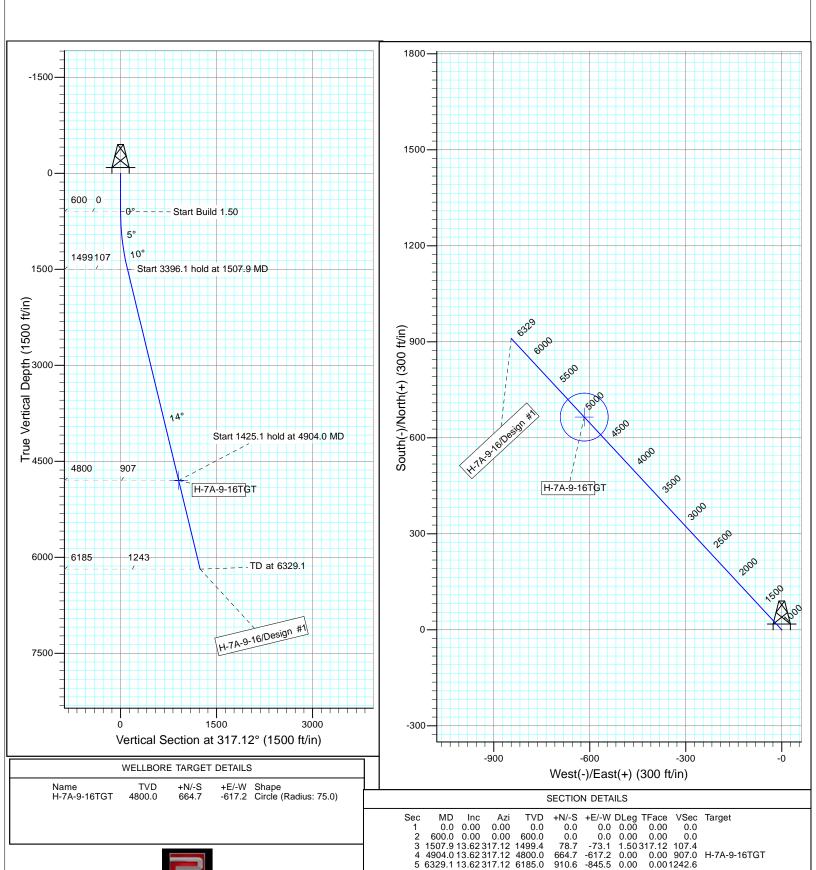
Well: H-7A-9-16 Wellbore: Wellbore #1 Design: Design #1



Azimuths to True North Magnetic North: 11.29°

Magnetic Field Strength: 52207.7snT Dip Angle: 65.77° Date: 12/8/2011 Model: IGRF2010

KOP @ 600' DOGLEG RATE 1.5 DEG/100 TARGET RADIUS IS 75'



NEWFIELD PRODUCTION COMPANY GMBU H-7A-9-16 AT SURFACE: SW/NE SECTION 7, T9S, R16E DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. <u>EXISTING ROADS</u>

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU H-7A-9-16 located in the SW 1/4 NE 1/4 Section 7, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed in a southwesterly direction – 10.7 miles \pm to it's junction with the beginning of the access road to the existing 7-7-9-16Y well location.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionaly off of the existing 7-7-9-16Y well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. <u>LOCATION OF EXISTING WELLS</u>

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. <u>LOCATION AND TYPE OF WATER SUPPLY</u>

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District Water Right: 43-10136

Maurice Harvey Pond Water Right: 47-1358

Neil Moon Pond

Water Right: 43-11787

Newfield Collector Well

Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy

District).

There will be no water well drilled at this site.

6. <u>SOURCE OF CONSTRUCTION MATERIALS</u>

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. PLANS FOR RESTORATION OF SURFACE:

a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. <u>SURFACE OWNERSHIP</u> – Bureau of Land Management.

12. OTHER ADDITIONAL INFORMATION

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #11-056, 4/27//11. Paleontological Resource Survey prepared by, Wade E. Miller, 4/23/11. See attached report cover pages, Exhibit "D".

Surface Flow Line

Newfield requests 3,396' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

<u>Clearing and Grading</u>: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

<u>Installation</u>: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

<u>Termination and Final Reclamation:</u> After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Details of the On-Site Inspection

The proposed GMBU H-7A-9-16 was on-sited on 2/2/11. The following were present; Tim Eaton (Newfield Production), Christine Cimiluca (Bureau of Land Management), and Suzanne Grayson (Bureau of Land Management).

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU H-7A-9-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU H-7A-9-16, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRENSENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton

Address: Newfield Production Company

Route 3, Box 3630 Myton, UT 84052

Telephone: (435) 646-3721

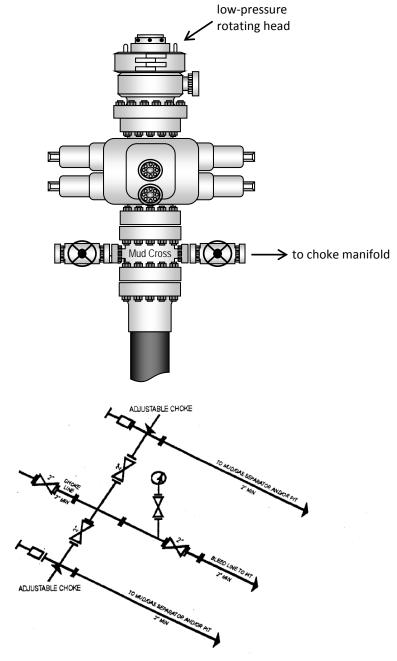
Certification

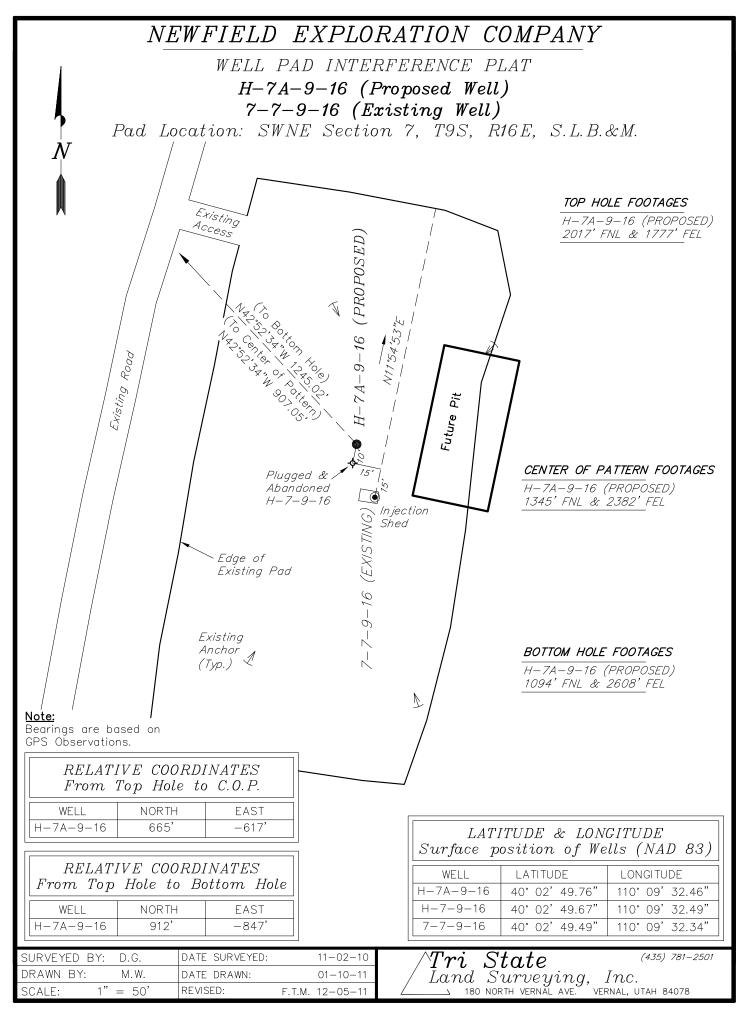
Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #H-7A-9-16, Section 7, Township 9S, Range 16E: Lease UTU-74390 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

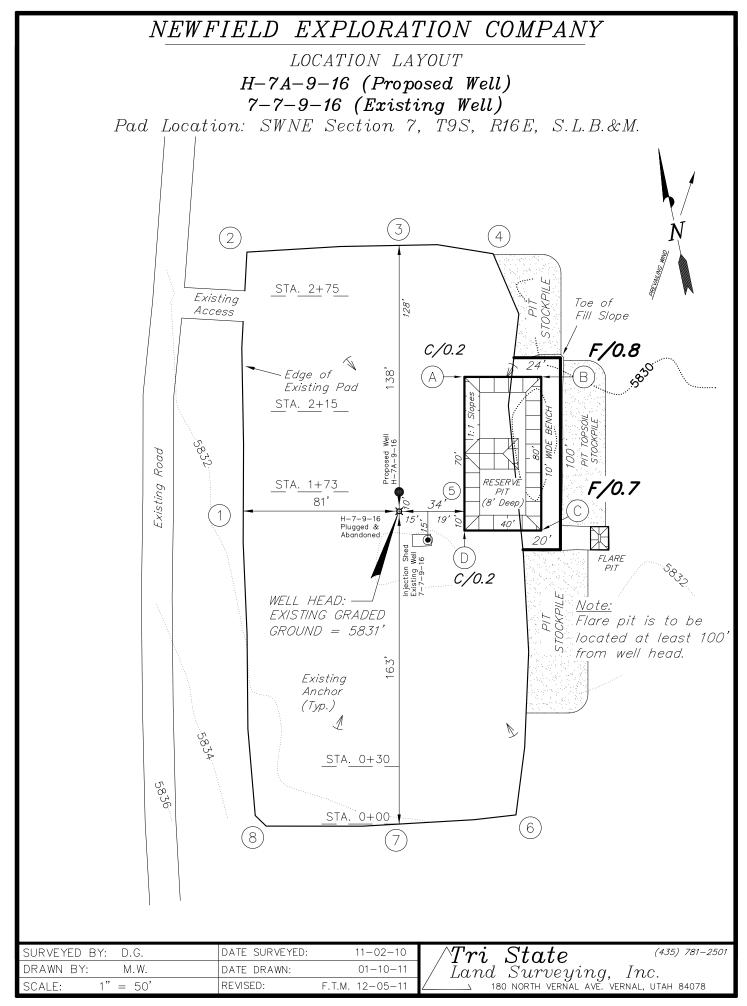
I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

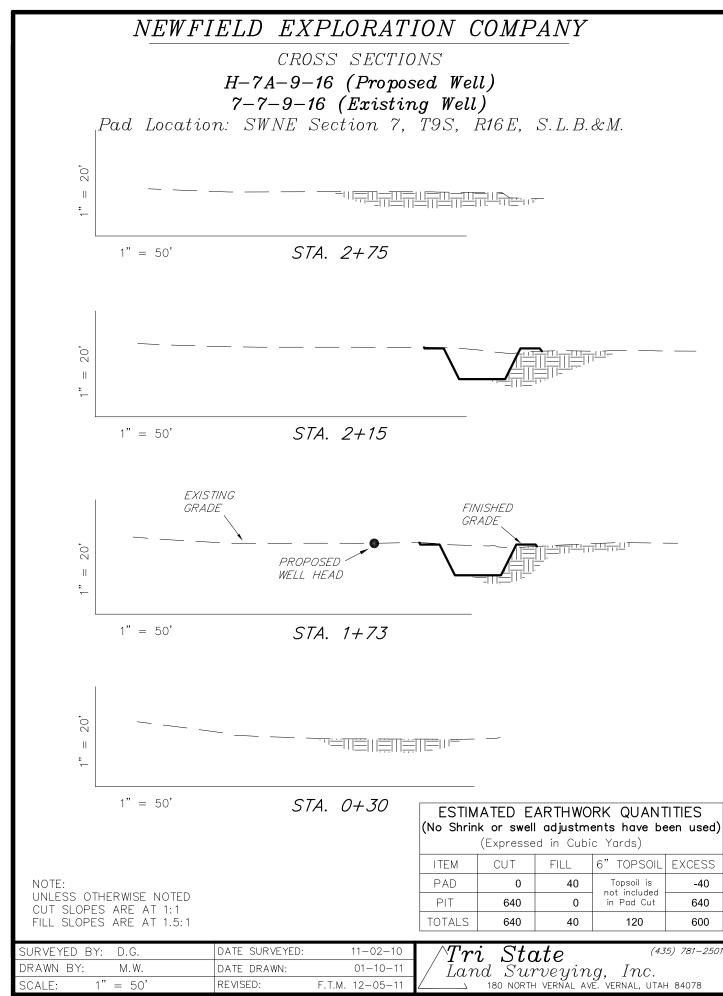
5/2/11	
Date	Mandie Crozier
	Regulatory Specialist
	Newfield Production Company

Typical 2M BOP stack configuration

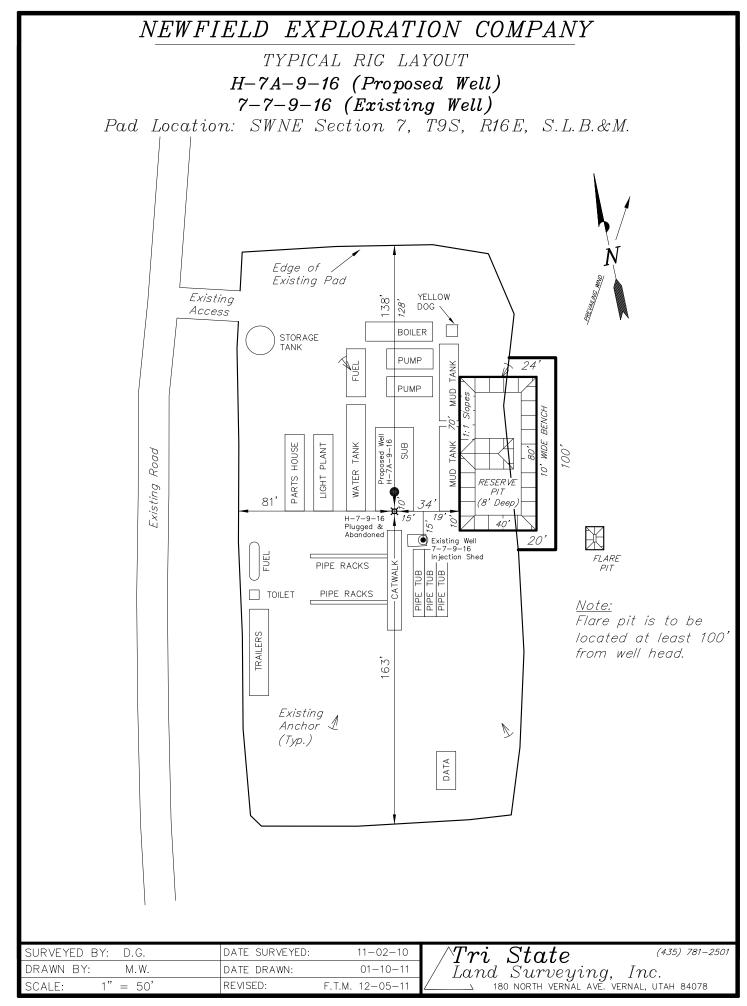








RECEIVED: December 08, 2011



*(See instructions and spaces for additional data on page 2)

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

5. Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

											UTU-7439	90	
la. Type of b. Type of	Well Completion	ZOil : □ Nev		Gas Well Work Over	Dry Deepen	Other Plug Back	☐ Diff, Re	esvr.,				, Allottee or	
• •		Oth	er: PLUG A	ND ABAND							GMBU (G	RRV)	t Name and No.
Name of NEWFIEL	Operator D EXPLO	RATION	COMPAN	1							8. Lease No	ame and Well 7-9-16	No.
3. Address	1401 17TH 9	ET GILITE	1000 DENVER	CO 80202		3a	. Phone No. ((include	e area code,)	9. AFI Wel 43-013-50		7
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At total d	enth 90'										DUCHES	NE	UT
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24 Tables	Danand												
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A) B)													
C)						-							
D)													
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28. Product	ion - Interva	ıl A											
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Show a	all important	zones of	porosity and c	ontents th	ereof: Cored	intervals and al	ll drill-stem tes	sts,	OFOLOGICAL MARKERS			
Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and												
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false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



VIA ELECTRONIC DELIVERY

December 9, 2011

State of Utah, Division of Oil, Gas and Mining ATTN: Diana Mason P.O. Box 145801 Salt Lake City, UT 84114-5801

RE: Directional Drilling

GMBU H-7A-9-16

Greater Monument Butte (Green River) Unit

Surface Hole:

T9S-R16E Section 7: SWNE (UTU-74390)

2017' FNL 1777' FEL

At Target:

T9S-R16E Section 7: NWNE (UTU-74390)

1094' FNL 2608' FEL

Duchesne County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well dated 12/8/2011, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing preexiting roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4153 or by email at pburns@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,

Newfield Production Company

Peter Burns Land Associate

FORM APPROVED Form 3160-3 (August 2007) OMB No. 1004-0136 Expires July 31, 2010 UNITED STATES DEPARTMENT OF THE INTERIOR 5. Lease Serial No. **BUREAU OF LAND MANAGEMENT** UTU74390 6. If Indian, Allottee or Tribe Name APPLICATION FOR PERMIT TO DRILL OR REENTER If Unit or CA Agreement, Name and No. GREATER MONUMENT Ia, Type of Work: DRILL □ REENTER Lease Name and Well No. GMBU H-7A-9-16 1b. Type of Well: Oil Well ☐ Gas Well Other Single Zone ■ Multiple Zone 9. API Well No. Name of Operator Contact: MANDIE CF NEWFIELD PRODUCTION COMPANYall: mcrozler@newfield.com Contact: MANDIE CROZIER Field and Pool, or Exploratory MONUMENT BUTTE 3b. Phone No. (include area code) Ph: 435-646-4825 3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052 Fx: 435-646-3031 4. Location of Well (Report location clearly and in accordance with any State requirements.*) 11. Sec., T., R., M., or Blk. and Survey or Area Sec 7 T9S R16E Mer SLB At surface **SWNE 2017FNL 1777FEL** At proposed prod. zone NWNE 1094FNL 2608FEL 12. County or Parish DUCHESNE 13. State 14. Distance in miles and direction from nearest town or post office* UT 12.1 17. Spacing Unit dedicated to this well Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig, unit line, if any) 16. No. of Acres in Lease 20.00 2037.10 20. BLM/BIA Bond No. on file 18. Distance from proposed location to nearest well, drilling, 19. Proposed Depth completed, applied for, on this lease, ft. 6329 MD WYB000493 6185 TVD 22. Approximate date work will start 23. Estimated duration 21. Elevations (Show whether DF, KB, RT, GL, etc. 7 DAYS 5831 GL 12/09/2011 24. Attachments The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form: Bond to cover the operations unless covered by an existing bond on file (see 1. Well plat certified by a registered surveyor. A Drilling Plan.
 A Surface Use Plan (if the location is on National Forest System Lands, the Item 20 above). Operator certification SUPO shall be filed with the appropriate Forest Service Office). Such other site specific information and/or plans as may be required by the authorized officer. Name (Printed/Typed)
MANDIE CROZIER Ph: 435-646-4825 25. Signature 12/08/2011 (Electronic Submission) Title REGULATORY ANALYST Date Approved by (Signature) Name (Printed/Typed) Title Office Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

Additional Operator Remarks (see next page)

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Conditions of approval, if any, are attached.

Electronic Submission #125220 verified by the BLM Well Information System For NEWFIELD PRODUCTION COMPANY, sent to the Vernal

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United

Additional Operator Remarks:

Proposed Rig Skid. The orgiginal H-7-9-16 was P&A'd due to problems associated with the well SPUD.

SURFACE LEASE: UTU-74390 BOTTOM HOLE LEASE: UTU-74390

T9S, R16E, S.L.B.&M.

S89°56'E - 77.76 (G.L.O.)

N89°12'49"E - 2492.06' (Meas.)

N89°17'24"E - 2646.60' (Meas.)

1910
Brass Cap

1910
Brass Cap

1910
Brass Cap

2608'
2382'

Pattern 1777'

Top of Hole 1910
Brass Cop

WELL LOCATION: H-7A-9-16

Center of

ELEV. EXIST. GRADED GROUND = <u>5831</u>'

Lot 4

N89°21'05"E - 2509.14' (Meas.) N89°05'18"E - 2646.04' (Meas.) S89°56'E - 78.00 (G.L.O.)

4

W.OO. 21,10,1W

(Meas.)

40,

2643.

VOO'51'37"W

1910 Brass Cop

Lot 2

Lot 3

1910

Brass Cap

(G.L.O.)

= SECTION CORNERS LOCATED

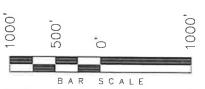
BASIS OF ELEV; Elevations are base on LOCATION: an N.G.S. OPUS Correction. LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

H-7A-9-16 (Surface Location) NAD 83 LATITUDE = 40° 02' 49.76" LONGITUDE = 110° 09' 32.46"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, H-7A-9-16, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.

TARGET BOTTOM HOLE, H-7A-9-16, LOCATED AS SHOWN IN THE NW 1/4 NE 1/4 OF SECTION 7, T9S, R16E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



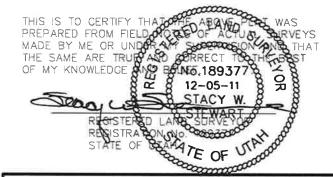
NOTES:

6

(Meas.) NOO*03'W (G.L.

NO1'03'55

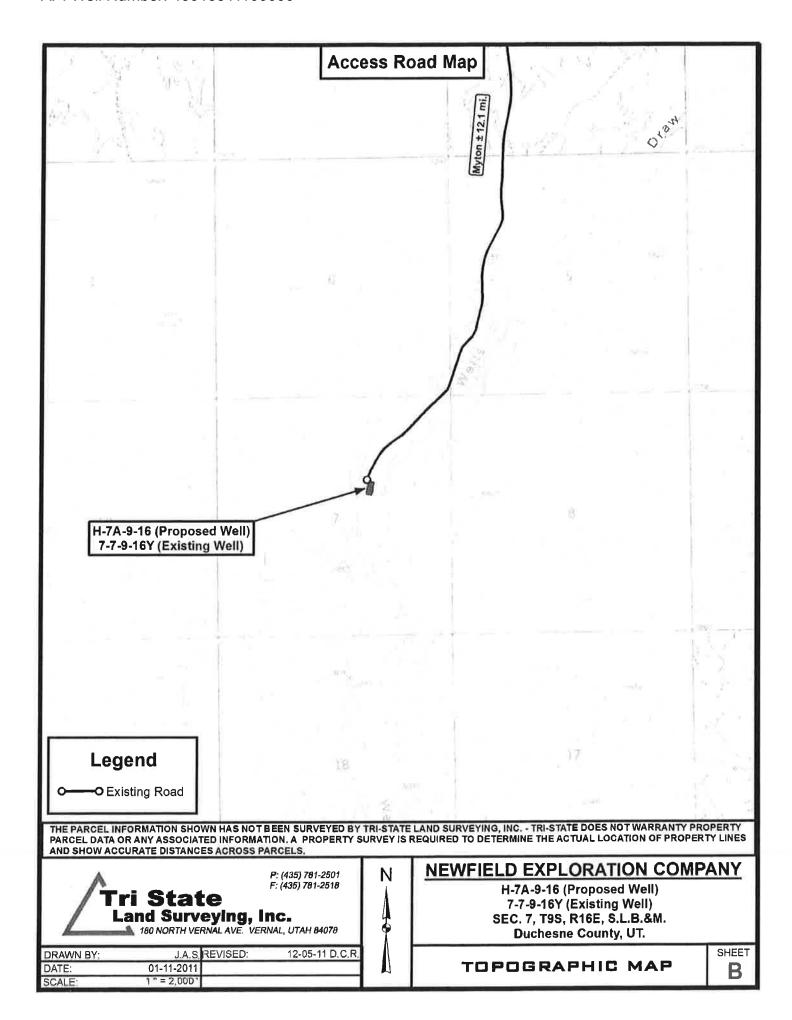
- 1. Well footages are measured at right angles to the Section Lines.
- 2. Bearings are based on Global Positioning Satellite observations.

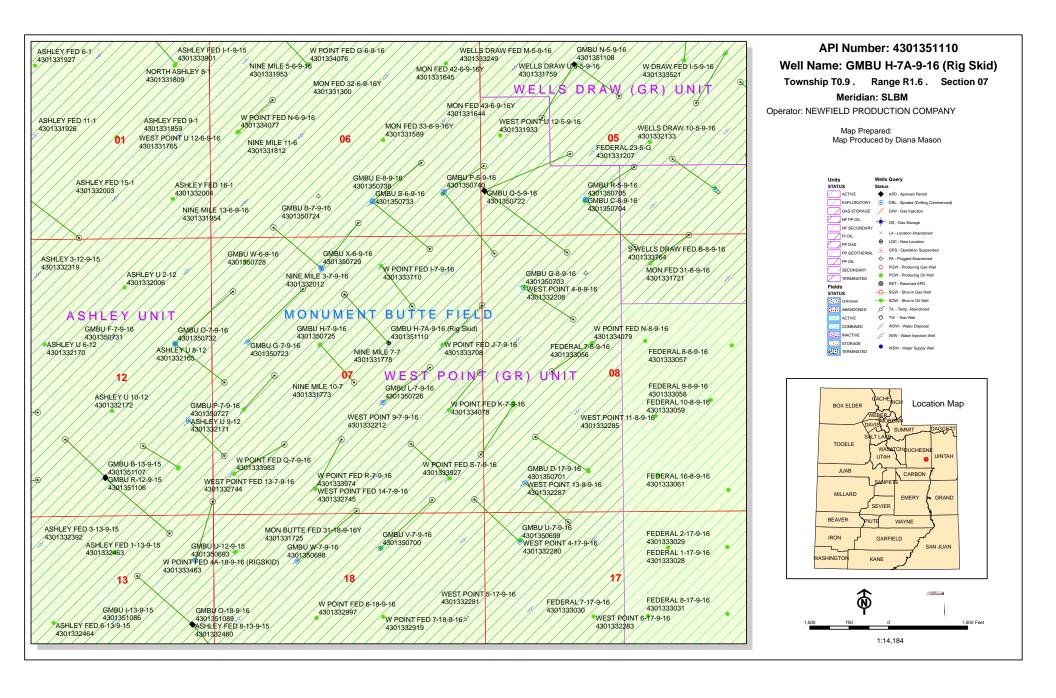


TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501

DATE SURVEYED: 11-02-10	SURVEYED BY: D.G.
DATE DRAWN: 01-10-11	DRAWN BY: M.W.
REVISED: 12-05-11 F.T.M.	SCALE: 1" = 1000'





ADD DECETVED: 12/9/2011

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED.	12/0/2011	AFT NO. ASSIGNED.	43013311100000
WELL NAME:	GMBU H-7A-9-16 (Rig Skid)		
OPERATOR:	NEWFIELD PRODUCTION COMPANY (N2695)	PHONE NUMBER:	435 646-4825

CONTACT: Mandie Crozier

PROPOSED LOCATION: NWNE 07 090S 160E Permit Tech Review:

✓

SURFACE: 2017 FNL 1777 FEL Engineering Review:

BOTTOM: 1094 FNL 2608 FEL Geology Review:

COUNTY: DUCHESNE

LATITUDE: 40.04713 LONGITUDE: -110.15907 UTM SURF EASTINGS: 571733.00 NORTHINGS: 4433327.00

FIELD NAME: MONUMENT BUTTE **LEASE TYPE:** 1 - Federal

LEASE NUMBER: UTU-74390 PROPOSED PRODUCING FORMATION(S): GREEN RIVER
SURFACE OWNER: 1 - Federal COALBED METHANE: NO

RECEIVED AND/OR REVIEWED: LOCATION AND SITING: ✓ PLAT R649-2-3. Unit: GMBU (GRRV) Bond: FEDERAL - WYB000493 **Potash** R649-3-2. General Oil Shale 190-5 **Oil Shale 190-3** R649-3-3. Exception Oil Shale 190-13 **Drilling Unit** Board Cause No: Cause 213-11 Water Permit: 437478 **Effective Date:** 11/30/2009 **RDCC Review:** Siting: Suspends General Siting **Fee Surface Agreement**

Intent to Commingle R649-3-11. Directional Drill

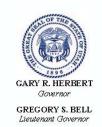
Commingling Approved

Comments: Presite Completed RIGSKID FR 4301350725:

Stipulations: 4 - Federal Approval - dmason

15 - Directional - dmason 22 - Rigskid - bhill ADT NO ACCIONED. 42012511100000

API Well No: 43013511100000



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU H-7A-9-16 (Rig Skid)

API Well Number: 43013511100000 Lease Number: UTU-74390 Surface Owner: FEDERAL

Approval Date: 12/9/2011

Issued to:

NEWFIELD PRODUCTION COMPANY, Rt 3 Box 3630, Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

All conditions of approval in the Statement of Basis and RDCC comments from the GMBU H-7-9-16 permit apply to the GMBU H-7A-9-16 well permit.

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

• Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

API Well No: 43013511100000

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:

For John Rogers Associate Director, Oil & Gas Form 3160-3 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

DEC 0 8 2011

FORM APPROVED OMB No. 1004-0136 Expires July 31, 2010

BUREAU OF LAND	MANAGEMENT	5. Lease Serial No. UTU74390				
APPLICATION FOR PERMIT	TO DRILL OR REENTER	6. If Indian, Allottee or Tr	ibe Name			
la. Type of Work: 🛛 DRILL 🔲 REENTER		7. If Unit or CA Agreemer GREATER MONUM	nt, Name and No. MENT			
1b. Type of Well:			lo. Rig SKId			
Name of Operator Contact NEWFIELD PRODUCTION COMPANNAIL: mcrozi	t: MANDIE CROZIER er@newfield.com	9. API Well No. 43-013-51	110			
3a. Address ROUTE #3 BOX 3630 MYTON, UT 84052	10. Field and Pool, or Exp. MONUMENT BUTT	loratory				
4. Location of Well (Report location clearly and in accordance	dance with any State requirements.*)	11. Sec., T., R., M., or Blk	and Survey or Area			
At surface SWNE 2017FNL 1777FE	<u></u>	Sec 7 T9S R16E M	er SLB			
At proposed prod. zone NWNE 1094FNL 2608FE	L	-				
 Distance in miles and direction from nearest town or post 12.1 	t office*	12. County or Parish DUCHESNE	13. State UT			
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	16. No. of Acres in Lease	17. Spacing Unit dedicated	to this well			
2672'	2037.10	20.00				
 Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 	19. Proposed Depth	20. BLM/BIA Bond No. or	ı file			
1207	6329 MD 6185 TVD	WYB000493				
21. Elevations (Show whether DF, KB, RT, GL, etc. 5831 GL	22. Approximate date work will start 12/09/2011	23. Estimated duration 7 DAYS				
	24. Attachments	<u> </u>				
The following, completed in accordance with the requirements	of Onshore Oil and Gas Order No. 1, shall be attached to	this form:				
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest Sys SUPO shall be filed with the appropriate Forest Service On the Company of the Comp	tem Lands, the fice). 4. Bond to cover the operation Item 20 above). 5. Operator certification Such other site specific infauthorized officer.	,	,			
25. Signature (Electronic Submission)	Name (Printed/Typed) MANDIE CROZIER Ph: 435-646-4825		Date 12/08/2011			
Title REGULATORY ANALYST			<u> </u>			
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka		DEC 0 9 2011			
Title Assistant Field Manager	Office VERNAL FIELD OFFICE					
i ands & Mineral Resources Application approval does not warrant or certify the applicant he operations thereon.		ase which would entitle the ap	plicant to conduct			
Conditions of approval, if any, are attached.	TIONS OF APPROVAL ATTACHED					

Additional Operator Remarks (see next page)

Electronic Submission #125220 verified by the BLM Well Information SysNOTICE OF APPROVAL For NEWFIELD PRODUCTION COMPANY, sent to the Vernal Committed to AFMSS for processing by ROBIN R. HANSEN on 12/08/2011 ()

DEC 1 4 2011



Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Well No: API No: Newfield Production Company

GMBU H-7A-9-16 Rid Skid

170 South 500 East

43-013-51110

Location:

SWNE, Sec. 7, T9S, R16E

UTU-74390

Lease No: Agreement:

Greater Monument Butte Unit

OFFICE NUMBER:

(435) 781-4400

OFFICE FAX NUMBER:

(435) 781-3420

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.				
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.				
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.				
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings to: blm_ut_vn_opreport@blm.gov				
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.				
First Production Notice (Notify Petroleum Engineer)	_	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.				

Page 2 of 7 Well: GMBU H-7A-9-16 Rig Skid

12/9/2011

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- All new and replacement internal combustion gas field engines of less than or equal to 300 designrated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop
 work and contact the Authorized Officer (AO). A determination will be made by the AO as to what
 mitigation may be necessary for the discovered paleontologic material before construction can
 continue.
- After cessation of drilling and completion operations, any visible or measurable layer of oil must be removed from the surface of the reserve pit and the pit kept free of oil.
- Pits must be free of oil and other liquid and solid wastes prior to filling. Pit liners must not be breached (cut) or filled (squeezed) while still containing fluids. The pit liner must be removed to the solids level or treated to prevent its reemergence to the surface or its interference with long-term successful revegetation.

<u>If</u> construction and drilling is anticipated during any of the following wildlife seasonal or spatial restrictions, a qualified consulting firm biologist must be contacted 2 weeks prior in order to conduct applicable surveys using an accepted protocol prior to any ground disturbing activities.

- Mountain plover surveys will be conducted to protocol by a professional Environmental Consulting
 Firm biologist prior to any ground disturbing activities. Reports from survey results must be
 reviewed by a BLM minerals biologist prior to proceeding with the proposed project. A seasonal
 restriction for all ground disturbing activities in mountain plover habitat from May 1-June 15 is
 required.
- Install hospital mufflers where possible to reduce noise impacts to wildlife.

Reclamation

- Reclamation will be completed in accordance with the Newfield Exploration Company Castle Peak and Eight Mile Flat Reclamation Plan on file with the Vernal Field Office of the BLM.
- The reclamation seed mix will incorporate low growing grasses, instead of crested wheatgrass, which negatively impacts mountain plover habitat.
- Appropriate erosion control and revegetation measures will be employed. In areas with unstable soils where seeding alone may not adequately control erosion, grading will be used to minimize slopes and water bars will be installed on disturbed slopes. Erosion control efforts will be monitored by Newfield and, if necessary, modifications will be made to control erosion.

Page 3 of 7 Well: GMBU H-7A-9-16 Rig Skid 12/9/2011

Monitoring and Reporting

• The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) that designates the proposed site-specific monitoring and reference sites chosen for the location. A description of the proposed sites shall be included, as well as a map showing the locations of the proposed sites.

• The operator shall submit a Sundry Notice (Form 3160-5) to the BLM Authorized Officer (AO) three growing seasons after reclamation efforts have occurred evaluating the status of the reclaimed areas in order to determine whether the BLM standards set forth in the Green River District Reclamation Guidelines have been met (30% or greater basal cover).

Page 4 of 7 Well: GMBU H-7A-9-16 Rig Skid 12/9/2011

DOWNHOLE PROGRAM CONDITIONS OF APPROVAL (COAs)

SITE SPECIFIC DOWNHOLE COAs:

 Newfield Production Co. shall comply with all applicable requirements in the SOP (version: "Greater Monument Butte Green River Development Program", June 24, 2008). The operator shall also comply with applicable laws and regulations; with lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- Cement baskets shall not be run on surface casing.
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

Page 5 of 7 Well: GMBU H-7A-9-16 Rig Skid 12/9/2011

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM,
 Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- Please submit an electronic copy of all other logs run on this well in LAS format to BLM_UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

Page 6 of 7 Well: GMBU H-7A-9-16 Rig Skid

12/9/2011

OPERATING REQUIREMENT REMINDERS:

• All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.

- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - O Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

Page 7 of 7 Well: GMBU H-7A-9-16 Rig Skid 12/9/2011

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office
 Petroleum Engineers will be provided with a date and time for the initial meter calibration and all
 future meter proving schedules. A copy of the meter calibration reports shall be submitted to the
 BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid
 hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall
 be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover
 equipment shall be removed from a well to be placed in a suspended status without prior approval
 of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior
 approval of the BLM Vernal Field Office shall be obtained and notification given before resumption
 of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

NOTE: Use COMMENT section to explain why each Action Code was selected

OPERATOR ACCT. NO.

N2695

OPERATOR: NEWFIELD PRODUCTION COMPANY ADDRESS: RT. 3 BOX 3630 **MYTON, UT 84052**

CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	- 00	WE SC	LL LOCAT	ION RG	COUNTY	SPUD DATE	EFFECTIVE DATE
	2222	47.40		GREATER MON BUTTE							DATE
В	99999	17400	4301350480	Q-6-9-17	NESW	6	95	17E	DUCHESNE	12/12/2011	12/16/11
	GRRV BHL = SWS										-
CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	go		LL LOCAT			SPUD	EFFECTIVE
В	99999	17400	4301350725	GMBU H-7-9-16	SWNE	7	9 S	16E	DUCHESNE	12/1/2011	13/16/11
	SRRV			BHL=NWNE				U	plugge	d 12/1/	11
ACTION B	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	GG	WE SC	LL LOCAT	ION RG	COUNTY	SPUD DATE	EFFECTIVE
В	99999	17400	4301351110	GMBU H-7A-9-16 (RIG SKID)	SWNE NWNE	7	98		DUCHESNE	12/1/2011	12/16/11
G	SRRV			BHL= NWNE							
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO.	API NUMBER	WELL NAME							EFFECTIVE DATE
В	99999	17400	4301350727	GMBU P-7-9-16	NESE	13		15E	DUCHESNE	12/9/2011	12/16/11
	GRRV			BAL= RIGE S	c 7	SI	USI	U			
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	WE SC	LL LOCAT	ION RG	COUNTY	SPUD DATE	EFFECTIVE DATE
В	99999	17400	4301350729	GMBU X-6-9-16	NENW	17 18	98	16E	DUCHESNE	12/3/2011	13/16/11
(SPRV			BHL = Sec	6 50	55	w			te <u>saat</u> e vissas Jahr adii Adamisti ka 	-
ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	WE SC	LL LOCAT	ION RG	COUNTY	SPUD DATE	EFFECTIVE DATE
В	99999	√ 17400	4301350733	GMBU S-6-9-16	SWSE		95		DUCHESNE		12/14/11
GRRV BHL=NESE									ſ	1	
ACTION CODES (See instructions on back of form) A - 1 new entity for new well (single well only) B - I well to existing entity (group or unit well) C - 'rom one existing entity (a nother existing entity									Signature		Jentri Park
D-	well from one existing entity to a ther (explain in comments section	11				Production Clerk		12/14/11			

DIV. OF OIL, GAS & MINING

Sundry Number: 30726 API Well Number: 43013511100000

	STATE OF UTAH		FORM 9
ı	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MINI		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
SUNDR	Y NOTICES AND REPORTS C	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for pro current bottom-hole depth, I FOR PERMIT TO DRILL form	posals to drill new wells, significantly d reenter plugged wells, or to drill horizon n for such proposals.	eepen existing wells below tal laterals. Use APPLICATION	7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: GMBU H-7A-9-16 (Rig Skid)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013511100000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2017 FNL 1777 FEL		COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNSH	HP, RANGE, MERIDIAN: 07 Township: 09.0S Range: 16.0E Meridia	an: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN [FRACTURE TREAT	☐ NEW CONSTRUCTION
·	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT	✓ PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
✓ DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
8/17/2012			
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
The above well w	completed operations. Clearly show all ras placed on production on oduction Start Sundry resent	08/17/2012 at 10:00	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 12, 2012
NAME (PLEASE PRINT) Kaci Deveraux	PHONE NUMBE 435 646-4867	R TITLE Production Technician	
SIGNATURE N/A		DATE 10/5/2012	

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: July 31, 2010

5. Lease Serial No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

												UTU-74	1390	
la. Type of	Well Completion:	✓Oil	Well G	Gas Well	Dry Deepen D	Other		Page-		-		6. If Ind	ian, Allottee or T	ribe Name
o. Type of	completioil.	Othe		work Over	L Deepen L	riug Back		resvr.	,				or CA Agreement	Name and No.
2. Name of	Operator		COMPANY									8. Lease	(GRRV) Name and Well	
3. Address	DEXPLOR	KATION	COMPANY			ļ:	Ba. Phone l	No (incl	lude ar	ea code)		9. AFI	H-7A-9-16 (Rig	g Skid)
			000 DENVER,				(435)646		inae ai	eu coue)		43-013	-51110	
4. Location	of Well (Re	port locai	tion clearly ar	id in accor	dance with Federa	l requirem	ents)*						d and Pool or Exp MENT BUTTE	oloratory
At surfac	e 2017' FN	NL & 177	7' FEL (SW	/NE) SEC	C. 7, T9S, R16E	(UTU-74	390)					11. Sec.	T., R., M., on B	lock and
												Surv	ey or Area SEC.	7, T9S, R16E
At top pro	od, interval re	eported be	elow 1459' F	NL & 23	10' FEL (SW/NE	SEC. 7,	, T9S, R1	6E (UT	U-743	390)		12. Cou	nty or Parish	13. State
At total de	opui -	FNL & 2	2613' FEL (N	W/NE) S	SEC. 7, T9S, R1					HSV	U	DUCHE	ESNE	UT
 Date Sp 12/09/201 			15. Date 7 01/21/20	12			Date Comp			2012 to Prod.			ations (DF, RKE	3, RT, GL)*
18. Total D	epth: MD	6315'	1	19. P	lug Back T.D.: N	4D 6275	E	<u> </u>			dge Plug S	et: MI)	
21. Type E		O 6174' er Mechan	ical Logs Run	(Submit co	opy of each)	VD (018	<u> </u>		22. V	Was well	cored?	TV] ✓ No	Yes (Submit	analysis)
					EUTRON,GR,C	ALIPER,	СМТ ВО	ND		Was DST Directions	run? al Survey?	✓ No	Yes (Submit	report)
	and Liner R	ecord (Re	eport all string	gs set in we	ell)	1 0/							W 100 (Submit	
Hole Size	Size/Gra		t. (#/ft.) T	op (MD)	Bottom (MD)		Cementer epth		of Sks of Ce	1	Slurry V (BBL)		Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-				429'		_	210 C						
7-7/8"	5-1/2" J-	55 15.	.5# 0		6299'	_		235 P 275 5				40	'	
								2/55	10/50 F	-02				
24. Tubing Size		Set (MD)	Packer Der	oth (MD)	Size	Depth :	Set (MD)	Packer	Depth	(MD)	Size		Depth Set (MD)	Packer Depth (MD)
2-7/8"	ЕОТ@		TA @ 6008							(41222)	2120		opin set (WE)	racker Deptir (MD)
25. Produci	ng Intervals Formation			Гор	Bottom		Perforation erforated In				ize	No. Hole		Perf. Status
A) Green		1	4234'	тор	6064'	4234-6		iici vai		.34"		90	is	Pett. Status
B)														
C)														
D)	racture Tree	tment Ce	ement Squeeze	ato	ļ							_		
	Depth Interv									ype of M				
4234-606	4'		Frac w	/ 325855	#'s 20/40 sand i	n 2866 bl	ols of Ligh	ntning 1	17 fluid	d in 4 st	ages			
							_				***			
							- <u></u>							
	ion - Interva													
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL		Water BBL	Oil Gra		G:	as ravity		ction Meth	od 20' x 21' x 24'	PHAC
8/17/12	8/27/12	24	->	23		330					2.0	X 1.70 X	20 121 124 1	NIAC
Choke	Tbg. Press.	Csg.	24 Hr.	Oil	Gas V	Water	Gas/Oil		w	ell Status	S			
Size	Flwg. SI	Press.	Rate	BBL	MCF F	BBL	Ratio		ļР	RODU	CING			
		<u> </u>	—											
28a. Produc Date First	ction - Interv Test Date	al B Hours	Test	Oil	Gas N	Water	Oil Gra	vitv	G	as	Produc	ction Meth	od	
Produced		Tested	Production	BBL		BBL	Corr. A			ravity				CEIVED
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL		Water BBL	Gas/Oil Ratio		w	ell Statu	S S		OCT	2 4 2012
												_	DIV.OFO!	L,GAS&MINING
*(See inst	ructions and	spaces fo	r additional da	ata on page	2)									

•						voeter i							
28b. Prod Date First	uction - Inte	rval C Hours	Total	lo:1	- IC++	h37-4	67.0	•,	10				
Produced	Test Date	Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. A		Gas Gravity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	ı	Well Status	1			
	uction - Inte			10:1	- In	- k	lou o		1_				
Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gra Corr. A		Gas Gravity	Production Method			
Choke Size	Tbg. Press. Flwg. SI	Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	l	Well Status				
29. Dispo	sition of Ga	s (Solid, u	sed for fuel, ve	ented, etc.,)								
	USED FOR												
30. Sumr	nary of Porc	us Zones	(Include Aqui	ifers):					31. Formati	on (Log) Markers			
	ing depth int					ntervals and all ong and shut-in pr			GEOLOG	ICAL MARKERS			
Fon	mation	Тор	Bottom		Desc	Descriptions, Contents, etc.			Name		Name		Top Meas. Depth
GREEN RI	VER	4234'	6064'	-					GARDEN GU GARDEN GU		3743' 3972'		
									GARDEN GU POINT 3	JLCH 2	4085' 4356'		
									X MRKR Y MRKR		4628' 4663'		
									DOUGALS C BI CARBONA		4776' 5022'		
				Ξ					B LIMESTON CASTLE PEA		5132' 5684'		
									BASAL CARE	BONATE	6148'		
22 Addit	tional remark	ks (includ	e plugging pro	and week									
			e programs pro	eccuaro).									
33. Indic	ate which ite	ems have	been attached	by placing	g a check in the	appropriate box	kes:						
		-	s (1 full set req g and cement v	. ,		Geologic Report Core Analysis		DST Repo	ort	☑ Directional Survey			
34. I here	eby certify the	hat the for	egoing and att	ached info	ormation is con	nplete and correc	ct as deter	mined from	all available r	records (see attached instructions	3)*		
1	Name <i>(pleas</i>	e print	nnifer Peat	ross			Title F	Production	Technician				
	Signature	XP	catro	W.			Date 10	0/19/2012					
						it a crime for an			nd willfully to	make to any department or age	ncy of the United States any		

(Continued on page 3) (Form 3160-4, page 2)



NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 7 T9, R16 H-7A-9-16

Wellbore #1

Design: Actual

Standard Survey Report

31 January, 2012





Payzone Directional

Survey Report

TVD Reference:

MD Reference:



Company: **NEWFIELD EXPLORATION**

Project: USGS Myton SW (UT) Site: SECTION 7 T9, R16 Well: H-7A-9-16

Wellbore: Wellbore #1 Design: Actual

Local Co-ordinate Reference:

Well H-7A-9-16

H-7A-9-16 @ 5841.0ft (NDSI SS #1) H-7A-9-16 @ 5841.0ft (NDSI SS #1)

North Reference:

Survey Calculation Method: Minimum Curvature

Database: EDM 2003.21 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System: Geo Datum: Map Zone:

US State Plane 1983 North American Datum 1983

Utah Central Zone

System Datum:

Mean Sea Level

Site SECTION 7 T9, R16, SEC 7 T9S, R16E

Site Position:

From:

Lat/Long

Northing: Easting:

7,187,175.05 ft

Latitude: Longitude: 40° 2' 35.000 N

Position Uncertainty:

2,012,750.39 ft

110° 10' 12.000 W 0.85

0.0 ft Slot Radius: Grid Convergence:

Well H-7A-9-16, SHL LAT: 40 02 49.76 LONG: -110 09 32.46

Well Position

+N/-S +E/-W 0.0 ft 0.0 ft

0.0

Northing:

Easting:

7,188,714.22 ft 2,015,802.56 ft

0.0

Latitude: Longitude:

317.12

40° 2' 49.760 N 110° 9' 32,460 W

Position Uncertainty 0.0 ft Wellhead Elevation: 5,841.0 ft **Ground Level:** 5,831.0 ft

Wellbore Wellbore #1 Magnetics **Model Name** Sample Date Declination Dip Angle Field Strength (°) (°) (nT) IGRF2010 12/8/2011 11.29 65.77 52,208

Design Actual **Audit Notes:** Version: 1.0 Phase: ACTUAL Tie On Depth: 0.0 **Vertical Section:** Depth From (TVD) +N/-S +F/-W Direction (ft) (ft) (ft) (°)

0.0

Survey Program Date 1/31/2012 From To (ft) (ft) Survey (Wellbore) Description **Tool Name** 439.0 6,315.0 Survey #1 (Wellbore #1) MWD MWD - Standard

Survey Measured Vertical Vertical Dogleg Build Turn Rate Rate, Depth Depth +N/-S Section Rate Inclination +F/-W Azimuth (ft) (ft) (°/100ft) (ft) (°/100ft) (°/100ft) (°) (°) (ft) (ft) 0.0 0.00 0.00 0.0 0.0 0.0 0.0 0.00 0.00 0.00439.0 0.40 63.90 439.0 0.7 1.4 -0.40.09 0.09 0.00 469.0 0.30 57.20 469.0 0.8 1.5 -0.5 0.36 -0.33 -22.33 500.0 0.40 56.90 500.0 0.9 1.7 -0.5 0.32 0.32 -0.97 37.50 531.0 0.40 531.0 1.0 -0.5 1.9 0.43 0.00 -62.58 561.0 0.50 3.40 561.0 1.2 1.9 -0.4 0.94 0.33 -113.67 592.0 1.10 345.30 592.0 1.6 1.9 -0.1 2.08 -58.39 1.94 622.0 1.70 336,40 622.0 2.3 1.6 0.6 2.12 2.00 -29.67 332.20 653.0 2.10 653.0 3.3 1.2 1.6 1.37 1.29 -13.55714.0 3.20 331.20 713.9 5.7 -0.2 4.3 1.80 1.80 -1.64 745.0 4.00 330.90 744.8 2.58 2.58 7.4 -1.1 6.2 -0.97 775.0 4.30 330.40 774.8 9.3 -2.2 8.3 1.01 1.00 -1.67 806.0 4.80 328.30 805.7 11.4 -3.4 10.7 1.70 1.61 -6.77



Payzone Directional

Survey Report



Company: NEWFIELD EXPLORATION

Project: USGS Myton SW (UT) SECTION 7 T9, R16

Site: Well: H-7A-9-16 Wellbore: Wellbore #1 Design: Actual

Local Co-ordinate Reference:

Well H-7A-9-16 TVD Reference:

H-7A-9-16 @ 5841.0ft (NDSI SS #1) MD Reference: H-7A-9-16 @ 5841.0ft (NDSI SS #1)

North Reference:

Survey Calculation Method: Minimum Curvature

Database: EDM 2003.21 Single User Db

and the second s	n ann Palle Mallacher (d. 1. a. 1. a. 1. palent ann a 1. a. 1. a. 1.	il den en seu l'angue en partir de la grande de seu de la grande de la grande de la grande de la grande de la g	menental description (sp. sp. sp. strategic or e.g.,		بسر لدان والمراويين ويواد والمانية		to determine the control of the control of	And the second of the second	3
Survey Measured			Vertical	ava varancine		Vertical		3.6	
2 19 19 19 19 19 19 19 19 19 19 19 19 19	Section 18 Conference				Commence of the		Dogleg	Build	Türn
Depth	Inclination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(作)	(°)	(°)	(ft)	(ft)	(ft)	(ft):	(°/100ft)	(°/100ft)	(°/100ft)
920 0	ibir theidelik i bigat.	007.40	000		manna Alla	SERVICE SERVICE SERVICE			
836.0	5.20	327.40	835.5	13.7	-4.8	13.3	1.36	1.33	-3,00
881.0	5.60	326.60	880.3	17.2	- 7.1	17.5	0.90	0.89	<i>-</i> 1.78
925.0	5.90	325.40	924.1	20.9	-9.6	21.8	0.73	0.68	-2.73
969.0	6.60	324.20	967.9	24.8	-12.4	26.6	1.62	1.59	
1,013.0	7.00	323.50	1,011.6	29.0	-15.5	31.8			-2.73
1,057.0	7.60	320.60	1,055.2	33.4	-18.9	37.3	0.93	0.91	-1.59
1,101.0	8.50	317.70	1,098.8	38.0	-22.9	43.5	1.60 2.24	1.36	-6.59
				30.0	-22.5	43.5	2.24	2.05	-6.59
1,145.0	9.00	317.20	1,142.3	43.0	-27.5	50.2	1.15	1.14	-1.14
1,189.0	9.50	316.80	1,185.7	48.1	-32.3	57.2	1.15	1.14	-0.91
1,233.0	9.90	315.90	1,229.0	53.5	37.4	64.7	0.97	0.91	-2.05
1,277.0	10.50	314.20	1,272.4	59.0	-42.9	72.4	1.53	1.36	-3.86
1,321.0	10.70	313.40	1,315.6	64.6	-48.7	80.5	0.56	0.45	-1.82
1,365.0	11.20	314.10	1,358.8	70.4	-54.8	88.9	1.18	1.14	1.59
1,409.0	11.50	314.20	1,401.9	76.4	-61.0	97.5	0.68	0.68	0.23
1,453.0	12.10	314.40	1,445.0	82.7	-67.4	106.5	1.37	1.36	0.45
1,497.0	12.70	313.70	1,488.0	89.3	-74.2	115.9	1.41	1.36	-1.59
1,541.0	13.40	312.50	1,530.8	96.1	-81.5	125.8	1.71	1.59	-2.73
1,585.0	13.80	311.40	1,573.6	103.0	-89.2	136.1	1.08	0.91	-2.50
1,629.0	13,80	311.00	1,616.3	109.9	-97.1	146.6	0.22	0.00	-0.91
1,673.0	13.50	311.00	1,659.1	116.7	-104.9	156.9	0.68	-0.68	0.00
1,717.0	13.40	311.00	1,701.9	123.4	-112.6	167.1	0.23	-0.23	0.00
1,761.0	13.00	311.40	1,744.7	130.0	-120,2	177.1	0.23		
			1,777.7	100.0	-120,2	177.1	0.93	-0.91	0.91
1,805.0	12.70	311.50	1,787.6	136.5	-127.5	186.8	0.68	-0.68	0.23
1,849.0	12.70	311.60	1,830.6	142.9	-134.8	196.4	0.05	0.00	0.23
1,893.0	12.00	311.20	1,873.5	149.2	-141.8	205.8	1.60	-1.59	-0.91
1,937.0	12.00	311.70	1,916.6	155.2	-148.7	214.9	0.24	0.00	1.14
1,981.0	12.40	313,70	1,959.6	161.5	-155.5	224.2	1.32	0.91	4.55
2,025.0	12.50	244.40	0.000.5	400.4	400.0				
		314.10	2,002.5	168.1	-162.3	233.7	0.30	0.23	0.91
2,069.0	12.60 12.80	312.70	2,045.5	174.7	-169.3	243.2	0.73	0.23	-3.18
2,113.0		313.10	2,088.4	181.3	-176.4	252.8	0.50	0.45	0.91
2,157.0	12.80	315.20	2,131.3	188.0	-183.4	262.6	1.06	0.00	4.77
2,201.0	13.00	317.10	2,174.2	195.1	-190.2	272.4	1.07	0.45	4.32
2,245.0	13.40	319.60	2,217.1	202.6	-196.9	282.4	1.58	0.91	5.68
2,289.0	13,80	319.30	2,259.8	210.5	-203.6	292.8	0.92	0.91	-0.68
2,333.0	13.80	316,20	2,302.5	218.3	-210.6	303.3	1.68	0.00	-7.05
2,377.0	14.20	314.60	2,345.2	225.8	-218.1	313.9	1.26	0.91	-3.64
2,421.0	14.40	315.70	2,387.9	233.5	-225.8	324.8	0.77	0.45	2.50
2,465.0	14.40	317.10	2,430.5	241.5	-233.3	335.7	0.79	0.00	3.18
2,509.0	14.50	318.60	2,473.1	249.6	-240.7	346.7	0.88	0.23	3.41
2,553.0	13.80	318.00	2,515.8	257.6	-247.8	357.4	1.63	-1.59	-1.36
2,597.0	13.60	315.90	2,558.5	265.3	-255.0	367.9	1.22	-0. 4 5	-4.77
2,641.0	13,50	314.70	2,601.3	272.6	-262.2	378.2	0.68	-0.23	-2.73
2,685.0	13.60	316.30	2,644.1	279.9	-269.4	388.5	0.88	0.23	3.64
2,729.0	13.70	318.40	2,686.8	287.6	-276.5	398.8	1.15	0.23	4.77
2,773.0	13.50	319.30	2,729.6	295.4	-270.3	409.2	0.66	-0.45	
2,817.0	14.40	320.60	2,772.3	303.5	-203.3 -290.1	419.8			2.05
2,861.0	15.40	321.00	2,772.3	312.3	-290.1		2.17	2.05	2.95
	15.40	JZ 1.00		312,3	-231.2	431.1	2.28	2.27	0.91
2,905.0	14.70	320.40	2,857.3	321.1	-304.5	442.5	1.63	-1.59	-1.36
2,949.0	14.40	319.90	2,899.9	329.6	-311.6	453.5	0.74	-0.68	-1.14
2,993.0	14.20	317.60	2,942.5	337.7	-318.7	464.4	1.37	-0.45	-5.23
3,037.0	14.20	316.20	2,985.2	345.6	-326.1	475.2	0.78	0.00	-3.18
3,081.0	14.60	317.10	3,027.8	353.6	-333.6	486.1	1.04	0.91	2.05
3,125.0	14,00	316.10	3,070.4	361.5	-341.1	497.0	1.47	-1.36	-2.27
3,169.0	13.50	315.40	3,113.2	369.0	348.4	507.4	1.20	-1.14	1.59



Site:

Payzone Directional

Survey Report



Company: Project:

NEWFIELD EXPLORATION USGS Myton SW (UT) SECTION 7 T9, R16

Well: H-7A-9-16 Wellbore: Wellbore #1 Design: Actual

Local Co-ordinate Reference:

Well H-7A-9-16 TVD Reference: H-7A-9-16 @ 5841.0ft (NDSI SS #1)

MD Reference: North Reference: H-7A-9-16 @ 5841.0ft (NDSI SS #1)

Survey Calculation Method: Minimum Curvature

Database: EDM 2003.21 Single User Db

and the state of the second second	der transportation of the second	er (Norska halder) om sylvetre mellespelagering og	ويوار والرجوان والمعرب والمراو والمساوة والأعواء والماء الماء	A COLUMN TO THE PARTY OF THE PA		South and the second second second	maka di ngantak kali kali kanatah a kirag da ian	nishing St.	ne to la materiare della dissellation inseria. Manca in secondari della
\$1.00 pt. 10.00 pt. 10.00 pt.	A CANADA AND A CANADA	Miller Collection Services Services III	en al la vantante autoritation	a in market well a larger	CHARLEST SOT A STATE OF A MES	communications and control	เทพรีก แบบ แบบเกิด ก. เดเ	to succession and comment	ranganarata (penagaran terbasa).
Survey	gia. Quantitat e filipi il terri signici.	301.12 PM 4-21 - 196 C	JACO VENTO SZ NAS	saturb as etc.	e de come e dans en el	gager a sa sagar ga estaga, leada	er a erretakonen et	este were som let have in have	The same of the sa
	数据 化工厂	J. B.	Contract Contract	A Marie		SAPPLES OF	Carlo Medical	West and a second	7435.V134633
Measured	Krist Comme		Vertical			Vertical	Dögleg	Build	Tùrn
Depth ir	clination	Azimuth	Depth	+N/-S	+E/-W	Section	Rate	Rate	Rate
(ft)	医中枢性结合性结合性结合 "一一一一一一	A CHARLEST AND ACCOUNTS	(ft)	· · · · · · · · · · · · · · · · · · ·	T. A. C. L.				
V9	(°)	(°)	114	(ft)	(ft)	(ft)	(°/100ft)	(°/100 ft)	(°/100ft)
3,213.0	13.80	315.70	3,155.9	376,4	-355.6	517.8	0.70	0.68	n ee
3,257.0	14.50	315.90	3,198.6						0.68
3,301.0	15.00			384.1	-363.1	528.6	1.59	1.59	0.45
3,301.0	15.00	317.80	3,241.2	392.3	- 370.8	539.8	1.58	1.14	4.32
3,345.0	15.00	317.90	3,283.7	400.7	-378.4	551.2	0.06	0.00	0.23
3,389.0	15.20	318.40	3,326.1	409.3	-386.1	562.6	0.54	0.45	1.14
3,433,0	15.60	318.10	3,368.6	418.0	-393.9	574.3			
3,477.0	15,60	317.50	3,410.9				0.93	0.91	-0.68
				426.7	-401.8	586.1	0.37	0.00	-1.36
3,521.0	15.20	316.20	3,453.4	435.3	-409.8	597.8	1.20	-0.91	-2.95
3,565.0	14.60	315.30	3,495,9	443.4	-417.7	609.1	1.46	-1.36	-2.05
3,609.0	15.20	316.10	3,538.4	451.5	-425.6	620.4	1.44	1.36	1.82
3,653.0	15.60	316.90	3,580.8	459.9	-433.6	632.1	1.03		
3,698.0	15.00	315.90						0.91	1.82
•			3,624.2	468.5	-441.8	644.0	1.46	-1.33	-2.22
3,742.0	14.30	314.40	3,666.8	476.4	-449.7	655.1	1.81	-1.59	-3.41
3,786.0	14.10	313.10	3,709.4	483.9	-457.5	665.9	0.86	-0.45	-2.95
3,830.0	13.80	312.60	3,752.1	491.1	-465.2	676.5	0.73	-0.68	-1.14
3,874.0	13.70	312.40	3,794.9	498.2	-473.0	686.9	0.25	-0.23	-0.45
3,918.0	13.80	312.40	3,837.6	505.2	-480.7	697.3	0.23	0.23	-0.45 0.00
3,962.0	13.30	312.90	3,880.4	512.2	-488.3	707.6			
0,002.0	10.00	012.50	0,000.4	312.2	-400.3	707.0	1.17	-1.14	1.14
4,006.0	13.80	313.50	3,923.2	519.3	-495.8	717.9	1.18	1.14	1.36
4,050.0	14.10	315.70	3,965.9	526.7	-503.3	728.5	1.38	0.68	5.00
4,094.0	14.20	316.30	4,008.5	534.5	-510.8	739.2	0.40	0.23	1.36
4,138.0	14.50	316.90	4,051.2	542.4	-518.3	750.1	0.76	0.68	1.36
4,182.0	14.50	316.40	4,093.8	550.4	-525.8	761.1	0.28	0.00	-1.14
·				500.4	-020.0	701.1	0.20	0.00	-1.14
4,226.0	14.20	315.20	4,136.4	558.2	-533.4	772.0	0.96	-0.68	-2.73
4,270.0	14.60	317.00	4,179.0	566.1	-541.0	783.0	1.36	0.91	4.09
4,314.0	14.40	316.80	4,221.6	574.1	-548.6	794.0	0.47	-0,45	-0.45
4,358.0	14.00	315.50	4,264.3	581.9	-556.0	804.8	1.16	-0.91	-2.95
4,402.0	13.80	315.50	4,307.0	589.5	-563.4	815.4	0.45	-0.45	0.00
4,446.0	13.50	315.60	4,349.7	596.9	-570.7	825.7	0.68	-0.68	0.23
4,490.0	13.30	316.70	4,392.5	604.2	-577.8	835.9	0.74	-0.45	2.50
4,534.0	13.00	316.50	4,435.4	611.5	-584.7	845.9	0.69	-0.68	-0.45
4,578.0	13.30	317.10	4,478.2	618.8	-591.5	855.9	0.75	0.68	1.36
4,622.0	12.70	319.10	4,521.1	626.2	-598.1	865.8	1.70	-1.36	4.55
4 666 0	10.00	240.00							
4,666.0	12.30	319.00	4,564.1	633.4	-604.4	875.4	0.91	-0.91	-0.23
4,710.0	12.00	318.30	4,607.1	640.3	-610.5	884.6	0.76	-0.68	-1.59
4,754.0	11.70	319.00	4,650.1	647.1	-616.5	893.6	0.76	-0.68	1.59
4,798.0	12.10	319.60	4,693.2	654.0	-622.4	902.7	0.95	0.91	1.36
4,842.0	12.40	320.70	4,736.2	661.1	-628.3	912.0	0.86	0.68	2.50
4,886.0	12.50	319.70	4,779.2	668.4	-634.4	921.5	0.54	0.00	2.27
4,903.3	12.50	319.70	4,796.0	671.3	-636.9			0.23	-2.27
•	12.50	315.11	4,790.0	0/1.3	-636.9	925.2	0.74	-0.01	-3.41
H-7A-9-16TGT									
4,930.0	12.50	318.20	4,822.1	675.6	-640.7	931.0	0.74	0.00	-3.41
4,974.0	12.00	318.20	4,865.1	682.6	-646.9	940.4	1.14	-1.14	0.00
5,018.0	12.20	318.20	4,908.1	689.4	-653.0	949.6	0.45	0.45	0.00
5,062.0	12.20	318.00	4,951.1	696.4	-659.3	958.9	0.10	0.00	-0.45
5,106.0	12.40	316.90	4,994.1	703.3	-665.6	968.3	0.70	0.45	-2.50
5,150.0	12.30	318.50	5,037.1	710.2	-671.9	977.7	0.81	-0.23	3.64
5,194.0	12.80	318,50	5,080.1	717.4	-678.3	987.2	1.14	1.14	0.00
5,238.0	13.20	319.80	5,122.9	724.9	-684.7	997.1	1.13	0.91	2.95
5,282.0	13.50	319.70	5,165.7	732.6	-691.3	1,007.3	0.68	0.68	-0.23
5,326.0	13.70	319.30	5,208.5	740.5	-698.0	1,017.6	0.50	0.45	-0.91
5,370.0	13.70	319.10	5,251.3	748.4	-704.8	1,028.0	0.11	0.00	-0.45
	13.60	318.60	5,294.0	756.2	-711.7	1,038.4	0.35	-0.23	-1.14
5,414.0 5,458.0	13.80	317.40	5,336.8	763.9	-711.7 -718.6	1,048.8	0.79	0.45	-2.73



Payzone Directional

Survey Report

Database:



Company: Project: Site: NEWFIELD EXPLORATION

USGS Myton SW (UT) SECTION 7 T9, R16

Well: Wellbore: Design: H-7A-9-16 Wellbore #1 Actual

Local Co-ordinate Reference:

TVD Reference: MD Reference: North Reference: Survey Calculation Method: Well H-7A-9-16

H-7A-9-16 @ 5841.0ft (NDSI SS #1) H-7A-9-16 @ 5841.0ft (NDSI SS #1)

Minimum Curvature

EDM 2003.21 Single User Db

Survey Measured Depth in (ft)	nclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate ('/100ft)
5,502.0	13.40	314.40	5,379.5	771.4	-725.8	1,059.1	1.84	-0.91	-6.82
5,546.0	12.70	314.00	5,422.4	778.3	-732.9	1,069.1	1.60	-1.59	-0.91
5,590.0	12.70	317.10	5,465.3	785.2	-739.7	1,078.7	1.55	0.00	7.05
5,634.0	12.00	316.20	5,508.3	792.0	-746.2	1,088,1	1.65	-1.59	-2.05
5,678.0	11.30	313.00	5,551.4	798.3	-752.5	1,097.0	2.16	-1.59	-7.27
5,722.0	11.30	312.90	5,594.5	804.2	-758.8	1,105.6	0.04	0.00	-0.23
5,766.0	11.80	316.20	5,637.6	810.3	-765.1	1,114.4	1.88	1.14	7.50
5,810.0	12.10	317.30	5,680.7	817.0	-771.3	1,123.5	0.86	0.68	2.50
5,854.0	12.40	319.20	5,723.7	823.9	-777.5	1,132.9	1.14	0.68	4.32
5,898.0	12.30	320.40	5,766.7	831.1	-783.6	1,142.3	0.63	-0.23	2.73
5,942.0	13.00	322.80	5,809.6	838.7	-789.6	1,151.9	1.99	1.59	5,45
5,986.0	13.20	323.50	5,852.5	846.7	-795.6	1,161.8	0.58	0.45	1.59
6,030.0	13.10	323.90	5,895.3	854.7	-801.5	1,171.7	0.31	-0.23	0.91
6,074.0	13.30	325.30	5,938.1	862.9	-807.3	1,181.7	0.86	0.45	3.18
6,118.0	12.90	326.30	5,981.0	871.2	-812.9	1,191.5	1.04	-0.91	2.27
6,162.0	12.10	324.80	6,024.0	879.0	-818.3	1,201.0	1.96	-1.82	-3.41
6,206.0	11.40	322.60	6,067.0	886.3	-823.6	1,209.9	1.89	-1.59	~5.00
6,263.0	10.90	322.00	6,123.0	895.0	-830.3	1,220.8	0.90	-0.88	-1.05
6,315.0	10.50	321.50	6,174.1	902.6	-836.3	1,230.5	0.79	-0.77	-0.96

Checked By:	Approved By:	Date	e:



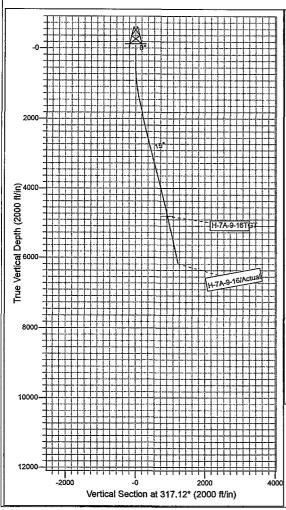
Project: USGS Myton SW (UT) Site: SECTION 7 T9, R16 Well: H-7A-9-16 Wellbore: Wellbore #1

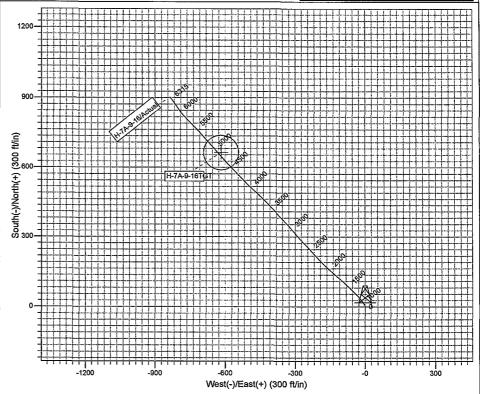
Design: Actual



Azimuths to True North Magnetic North: 11.29

Magnetic Field Strength: 52207.7snT Dip Angle: 65.77° Date: 12/8/2011 Model: IGRF2010





Design: Actual (H-7A-9-16/Wellbore #1)

Created By: Sarah Well-

Date:

12:22, January 31 2012

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA

	STATE OF UTAH	-0	FORM 9
1	DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-74390
SUNDR	Y NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly or reenter plugged wells, or to drill horizor n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well			8. WELL NAME and NUMBER: GMBU H-7A-9-16 (Rig Skid)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	9. API NUMBER: 43013511100000		
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT	, 84052 435 646-4825	PHONE NUMBER: Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2017 FNL 1777 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWNE Section: (HIP, RANGE, MERIDIAN: 07 Township: 09.0S Range: 16.0E Merid	ian: S	STATE: UTAH
11. CHECI	K APPROPRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
9/17/2013	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
Date of Work Completion:	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
		RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT	PRODUCTION START OR RESUME		
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	▼ TEMPORARY ABANDON
	L TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER:
12. DESCRIBE PROPOSED OR	COMPLETED OPERATIONS. Clearly show a	Il pertinent details including dates, d	lepths, volumes, etc.
	s to Temporary Abandon this		Accepted by the
down the rods and s	set a plug just above the top packer fluid.	set of perfs and fill with	Utah Division of Oil, Gas and Mining
			Date: September 23, 2013
			By: Dark Dunt
NAME (PLEASE PRINT)	PHONE NUMBI	ER TITLE	
Mandie Crozier	435 646-4825	Regulatory Tech	
SIGNATURE N/A		DATE 9/17/2013	